

Listing of Claims:

Sub B4 7
1. (Currently Amended) A management object process unit comprising:

5 a control processing section for performing a control of selectively collecting a plurality of management objects from a managed device; and

a memory section for storing the management objects collected from said managed device;

10 wherein said control processing section includes an object managing section, having items of classification data for classifying the plurality of management objects respectively, for collecting those of the management objects in advance which are classified to a specific type by the classification data to store the collected management objects in said memory section, for checking, at a time of receiving an object collection request,
15 the classification data for a management object requested by the object collection request, for retrieving the management object confirmed by a check result as being of the specific type from said memory section to transmit the retrieved management object, and for collecting the management object confirmed by the check
20 result as being of a type other than the specific type from said managed device to transmit the collected management object;

wherein said object managing section includes items of attribute data for the management objects, each of which includes

Sub B4
25 at least one of: (i) a collection time required for collecting a
corresponding management object, (ii) an access frequency of a
collection request for the corresponding management object, and
(iii) a value change frequency of the corresponding management
object; and

30 wherein said collection time is for comparison with a
reference collection time, said access frequency is for
comparison with a reference access frequency, and said value
change frequency is for comparison with a reference value change
frequency, and wherein each of said items of classification data
is determined by a result of comparison.

Claims 2-4 (Canceled).

5 5. (Currently amended) A management object process unit
according to claim 3 1, wherein ~~said attribute data includes a
collection time required for collecting the management object,
and~~ said object managing section includes a processing section
for classifying management objects ~~requiring a short~~ whose
collection time is shorter than the reference collection time to
the specific type, and for collecting the management objects of
the specific type from said managed device to store the
management object in said memory section before collecting a
10 management object of the type other than the specific type.

Sub B4 7
6. (Currently amended) A management object process unit
according to claim 3 1, wherein ~~said attribute data includes a~~
~~collection time required for collecting the management object, an~~
~~access frequency of a collection request for the management~~
5 ~~object, said object managing section includes a processing~~
~~section for classifying management objects requiring a short~~
whose collection time is shorter than the reference collection
time and a high whose access frequency is higher than the
reference access frequency to the specific type, and for
10 collecting the management objects of the specific type from said
managed device to store the management objects in said memory
section before collecting a management object requiring a long
whose collection time is not shorter than the reference
collection time.

7. (Currently amended) A management object process unit
according to claim 3 1, wherein ~~said attribute data includes a~~
~~collection time required for collecting the management object, a~~
~~value change frequency of the management object, said object~~
5 ~~managing section includes a processing section for classifying~~
~~management objects requiring a short whose collection time is~~
shorter than the reference collection time and a high whose value
change frequency is higher than the reference value change

Sub B4 10 frequency to the specific type, and for collecting the management objects of the specific type from said managed device to store the management objects in said memory section before collecting a management object ~~requiring a long~~ whose collection time is not shorter than the reference collection time.

X 5 8. (Currently amended) A management object process unit according to claim 4 1, wherein said object managing section includes a processing section for updating, at the time of receiving ~~a~~ an object collection request, the attribute data for the management object requested by the object collection request, and determining the classification data for the management object based on a result of the update.

5 9. (Currently Amended) A management object process unit according to claim 1, wherein said object managing section includes a processing section, having a plurality of response processing rules for classified types which are classified by the items of classification data, for selecting one of the response processing ~~rule~~ rules based on the classification data for the management object requested by the object collection request to produce a response to the object collection request according to the selected response processing rule.

Sub B4 7
10. (Currently amended) A machine readable recording medium having a program of a management object process recorded thereon, said process comprising ~~steps of:~~

5 collecting ~~those of the~~ management objects in advance which are classified to a specific type by items of classification data to store the collected management objects in a memory section;

checking, at a time of receiving an object collection request, the classification data for a management object requested by the object collection request;

10 ~~A~~ retrieving the management object confirmed by a check result as being of the specific type from the memory section to transmit the retrieved management object; and

15 collecting the management object confirmed by the check result as being of a type other than the specific type from the managed device to transmit the collected management object;

20 wherein items of attribute data are provided for the management objects, each of which includes at least one of: (i) a collection time required for collecting a corresponding management object, (ii) an access frequency of a collection request for the corresponding management object, and (iii) a value change frequency of the corresponding management object;
and

wherein said collection time is for comparison with a reference collection time, said access frequency is for

25 comparison with a reference access frequency, and said value
change frequency is for comparison with a reference value change
frequency, and wherein each of said items of classification data
is determined by a result of comparison.

Claims 11-13 (Canceled).

14. (Currently amended) A recording medium according to
claim ~~12~~ 10, wherein ~~said attribute data includes a collection~~
~~time required for collecting the management object, and said~~
management object process includes a process for classifying
5 management objects ~~requiring a short~~ whose collection time is
shorter than the reference collection time to the specific type,
and collecting the management objects of the specific type from
said managed device to store the management object in said memory
section before collecting a management object of the type other
10 than the specific type.

15. (Currently amended) A recording medium according to
claim ~~12~~ 10, wherein ~~said attribute data includes a collection~~
~~time required for collecting the management object, an access~~
~~frequency of a collection request for the management object, said~~
5 management object process includes a process for classifying

Sub B4 7
management objects ~~requiring a short~~ whose collection time is
shorter than the reference collection time and ~~a high~~ whose
access frequency is higher than the reference access frequency to
the specific type, and for collecting the management objects of
10 the specific type from said managed device to store the
management objects in said memory section before collecting a
management object ~~requiring a long~~ whose collection time is not
shorter than the reference collection time.

16. (Currently amended) A recording medium according to
claim 12 10, wherein ~~said attribute data includes a collection~~
~~time required for collecting the management object, a value~~
~~change frequency of the management object, said management object~~
5 process includes a process for classifying management objects
~~requiring a short~~ whose collection time is shorter than the
reference collection time and ~~a high~~ whose value change frequency
is higher than the reference value change frequency to the
specific type, and for collecting the management objects of the
10 specific type from said managed device to store the management
objects in said memory section before collecting a management
object ~~requiring a long~~ whose collection time is not shorter than
the reference collection time.

Sub B⁴ 7
17. (Currently amended) A recording medium according to
claim ~~13~~ 10, wherein said management object process includes a
process for updating, at the time of receiving ~~a~~ an object
collection request, the attribute data for the management object
5 requested by the object collection request, and determining the
classification data for the management object based on a result
of the update.

X
18. (Currently Amended) A recording medium according to
claim 10, wherein said management object process includes a
process for selecting one of a plurality of response processing
rules for classified types which are classified by the items of
5 classification data, based on the classification data for the
management object requested by the object collection request to
produce a response to the object collection request according to
the selected response processing rule.